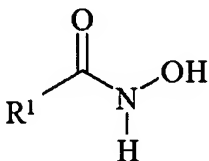


CLAIMS LISTING

1.(currently amended) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R¹ is selected from the group consisting of -CR²R³R⁴, -OCR⁵R⁶R⁷ and -NR⁸R⁹,

R², R³, R⁵, and R⁶ ~~and~~ R⁸ are independently selected from the group consisting of

hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or

unsaturated aliphatic groups substituted with heteroatoms, a substituted or

unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated

alicyclic groups and saturated or unsaturated alicyclic groups substituted with

heteroatoms;

R⁸ is selected from the group consisting of hydrogen, unsubstituted saturated or

unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with

heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring and

unsubstituted saturated or unsaturated alicyclic groups;

R⁴, and R⁷ ~~and~~ R⁹ are independently selected from the group consisting of

unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated

aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or

heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and

saturated or unsaturated alicyclic groups substituted with heteroatoms;

R⁹ is selected from the group consisting of unsubstituted saturated or unsaturated

aliphatic groups, saturated or unsaturated aliphatic groups substituted with

heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring and

unsubstituted saturated or unsaturated alicyclic groups;

R³ and R⁴ may represent the necessary atoms to form a 5- to 8-membered ring,

R⁵ and R⁷ may represent the necessary atoms to form a 5- to 8-membered ring, and

R⁸ and R⁹ may represent the necessary atoms to form a 5- to 8-membered ring.

2.(original) An ink-jet recording material according to claim 1 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

3.(original) An ink-jet recording material according to claim 2 wherein said filler is an inorganic filler.

4.(original) An ink-jet recording material according to claim 3 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

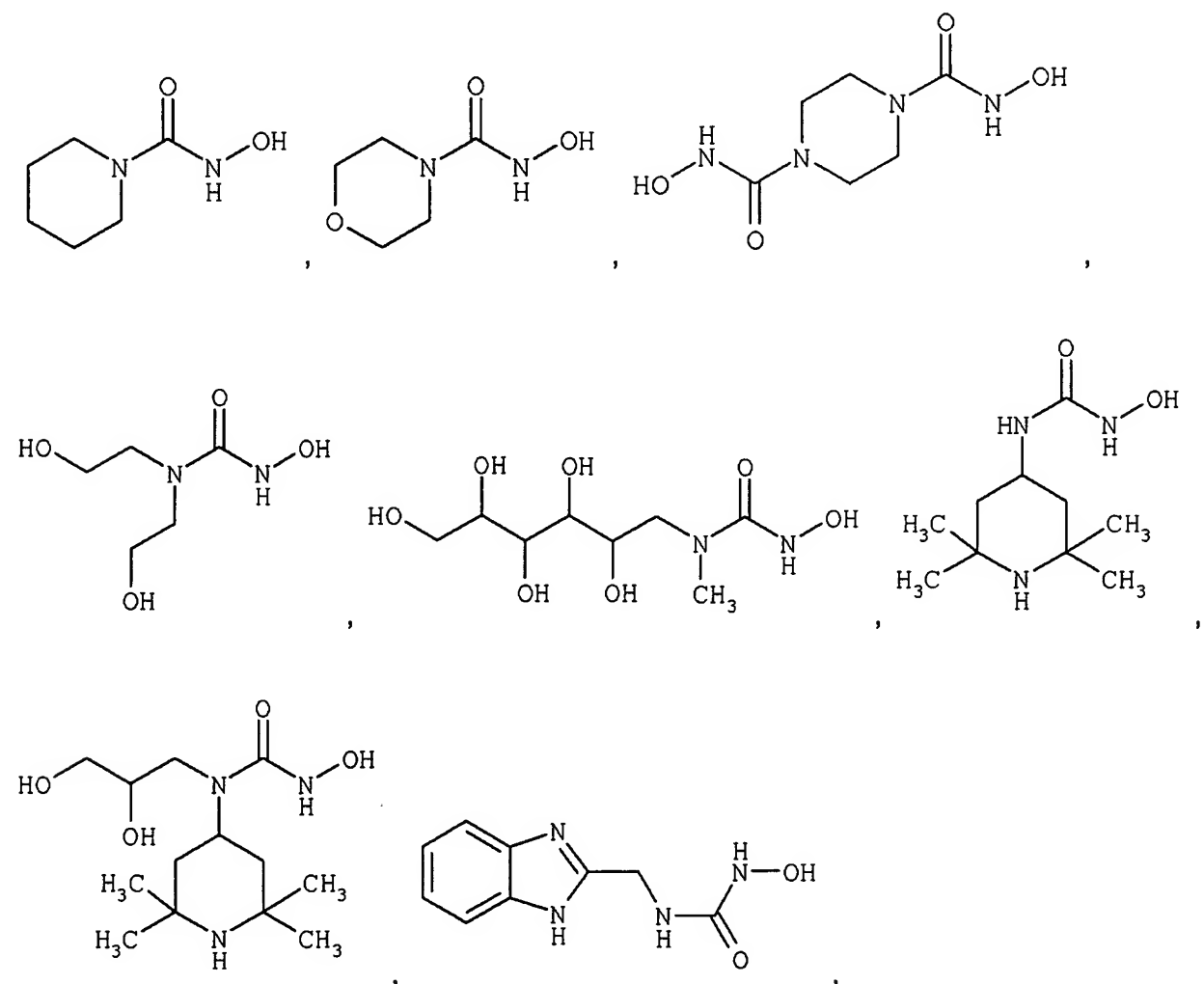
5.(currently amended) An ink-jet recording material according to claim 1 wherein ~~the binder of the~~ at least one ink-receiving layer ~~is~~ comprises a hydrophilic binder.

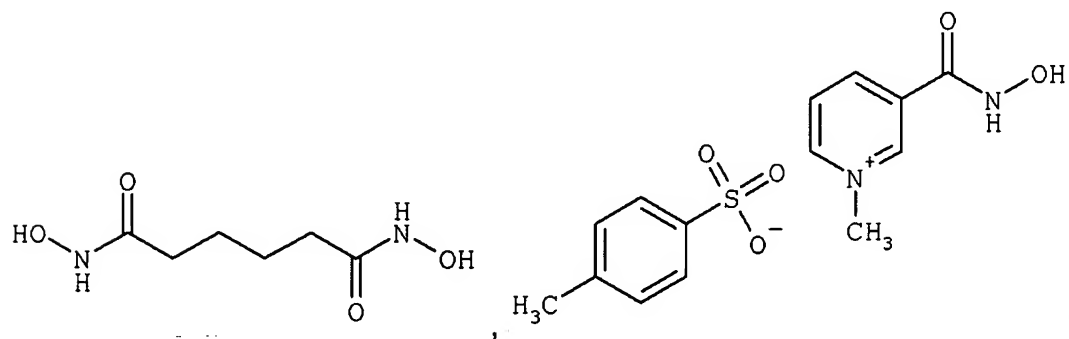
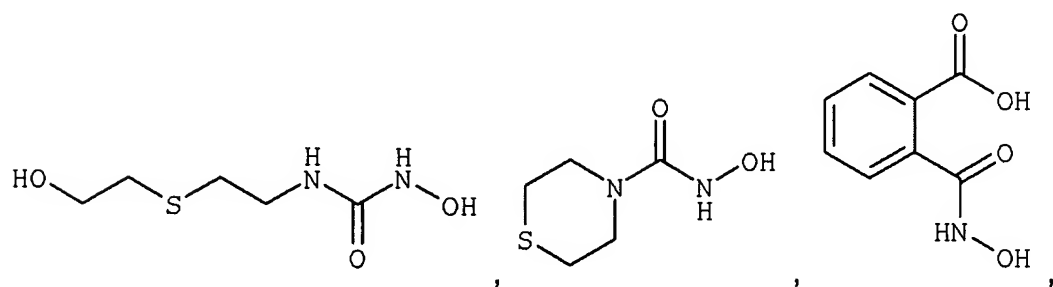
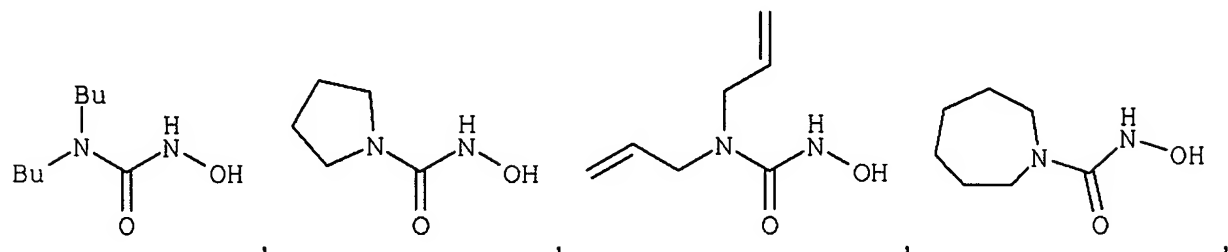
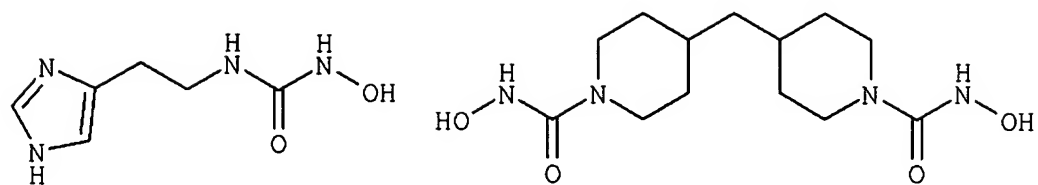
6.(original) An ink-jet recording material according to claim 5 wherein said hydrophilic

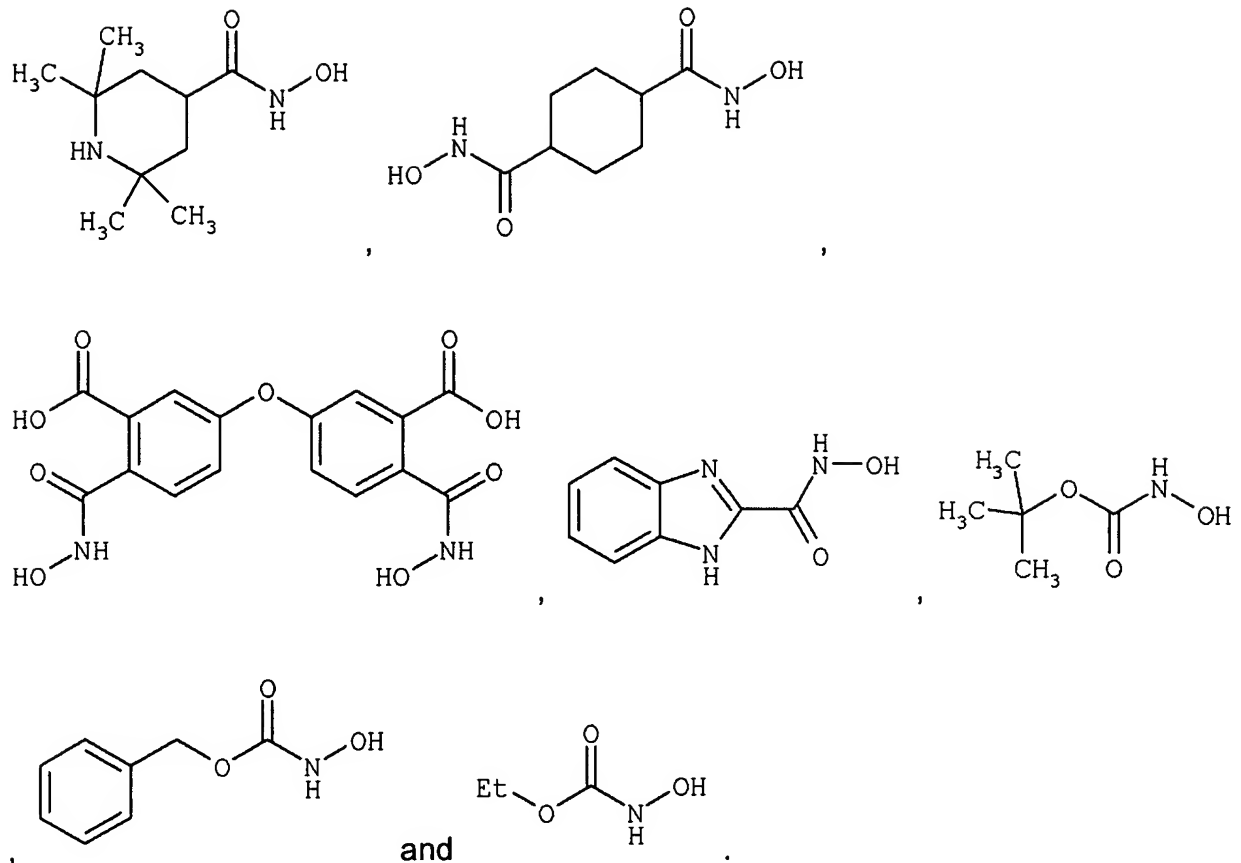
binder is a polyvinyl alcohol.

7.(original) Ink-jet recording material according to claim 1, wherein said non-polymeric

compound according to formula (I) is selected from the group consisting of



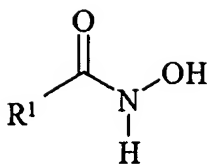




8.(cancelled)

9.(cancelled)

10.(currently amended) An ink-jet image comprising at least one ink-jet ink on an ink-jet recording material, wherein said ink-jet image contains a non-polymeric compound according to formula (I) :



formula (I)

wherein,

R¹ is selected from the group consisting of -CR²R³R⁴, -OCR⁵R⁶R⁷ and -NR⁸R⁹,

R², R³, R⁵, and R⁶ ~~and~~ R⁸ are independently selected from the group consisting of

hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or

unsaturated aliphatic groups substituted with heteroatoms, a substituted or

unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated

alicyclic groups and saturated or unsaturated alicyclic groups substituted with

heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

R⁸ is selected from the group consisting of hydrogen, unsubstituted saturated or

unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with

heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring and

unsubstituted saturated or unsaturated alicyclic groups;

R^4 , R^7 and R^9 are independently selected from the group consisting of

unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated

aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or

heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and

saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or

unsubstituted aromatic or heteroaromatic ring;

R^9 is selected from the group consisting of unsubstituted saturated or unsaturated

aliphatic groups, saturated or unsaturated aliphatic groups substituted with

heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring and

unsubstituted saturated or unsaturated alicyclic groups;

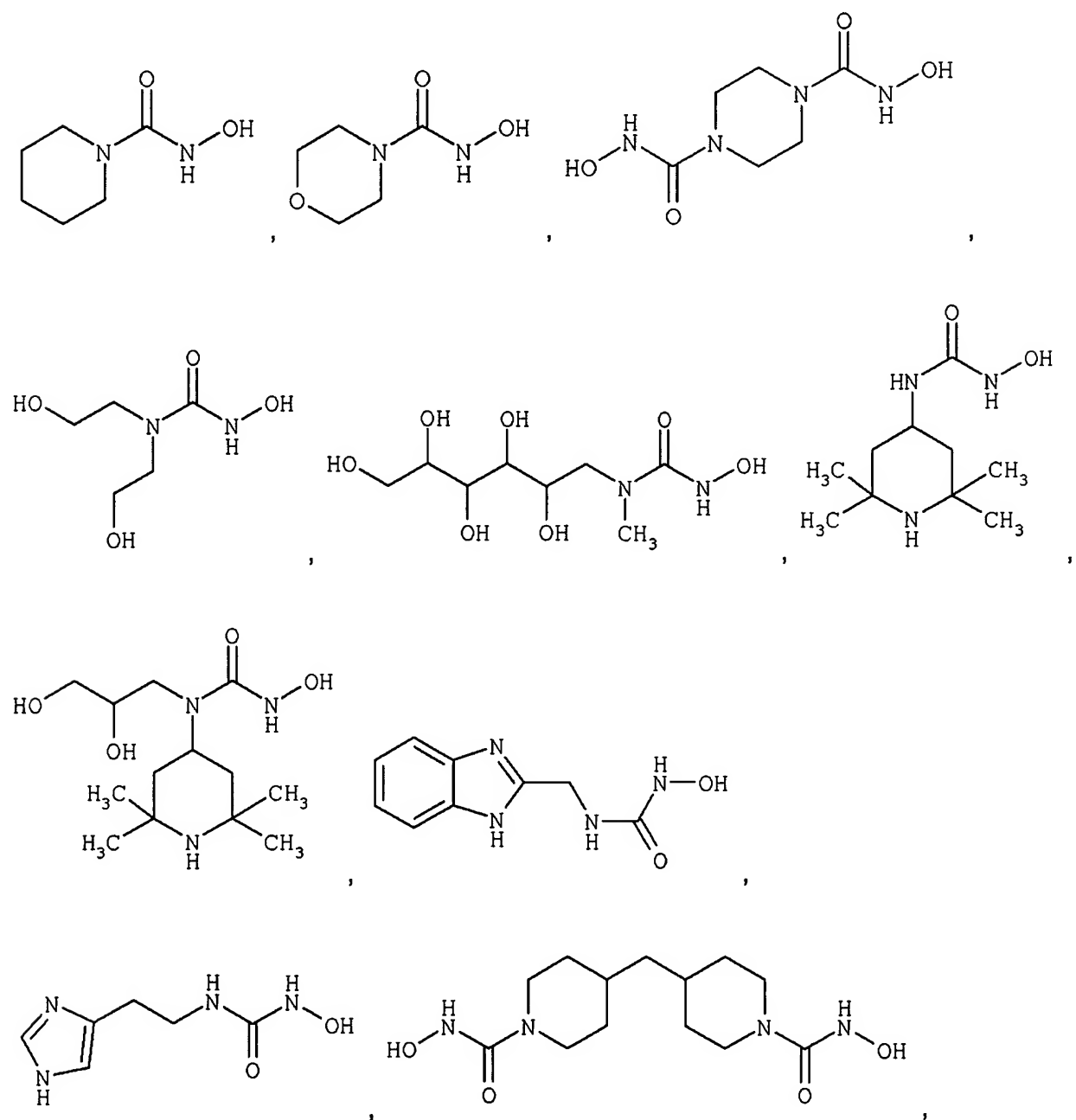
R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring,

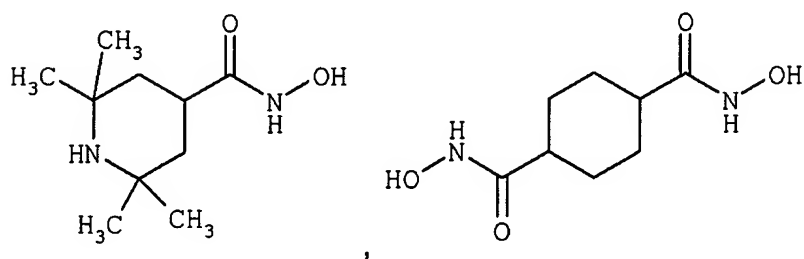
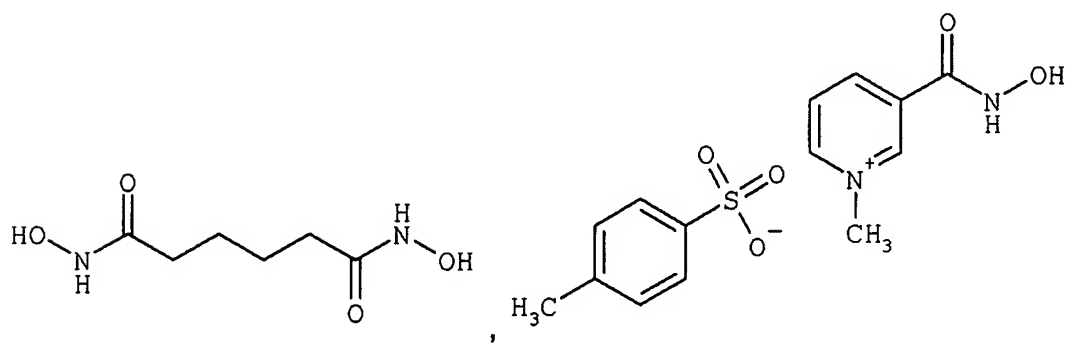
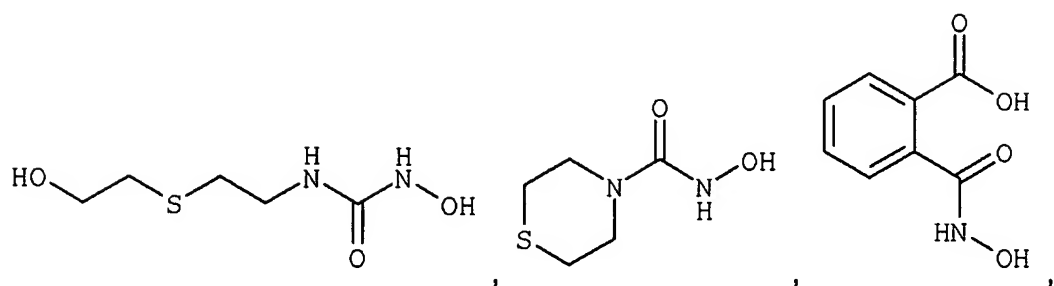
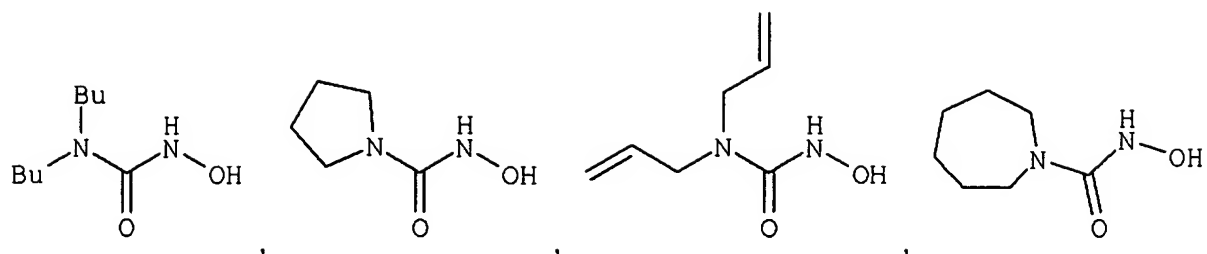
R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring, and

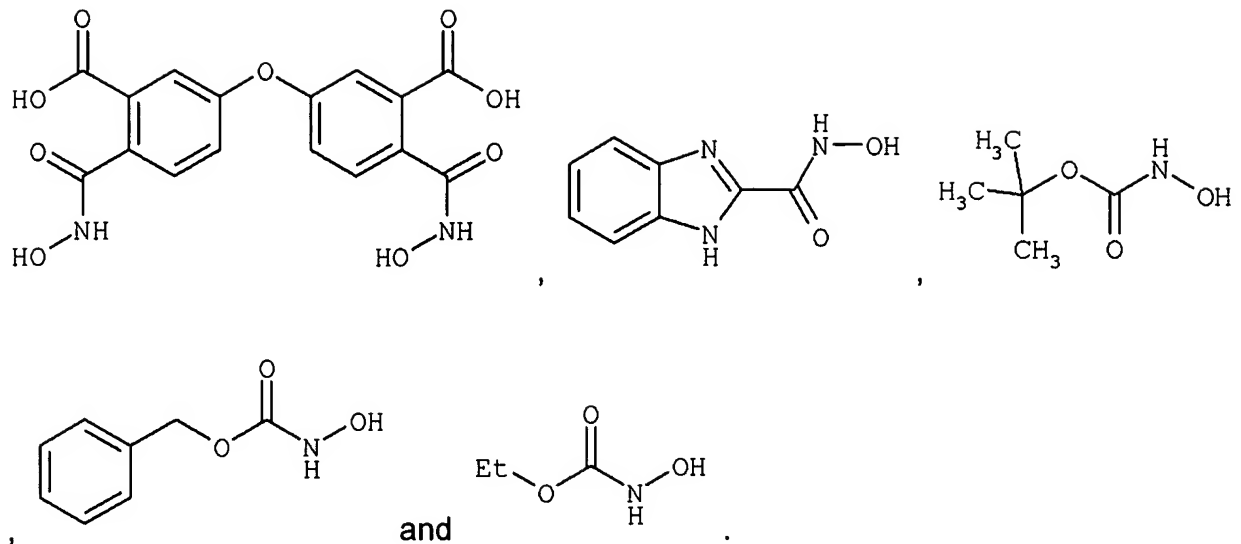
R^8 and R^9 may represent the necessary atoms to form a 5- to 8-membered ring.

11.(original) Ink-jet image according to claim 10, wherein said non-polymeric

compound according to formula (I) is selected from the group consisting of

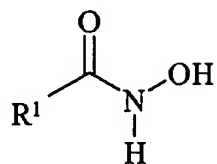






12.(original) A process for the use of a non-polymeric compound according to formula

(I) :



formula (I)

wherein,

R^1 is selected from the group consisting of $-\text{CR}^2\text{R}^3\text{R}^4$, $-\text{OCR}^5\text{R}^6\text{R}^7$ and $-\text{NR}^8\text{R}^9$,

R^2 , R^3 , R^5 , R^6 and R^8 are independently selected from the group consisting of

hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

R⁴, R⁷ and R⁹ are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

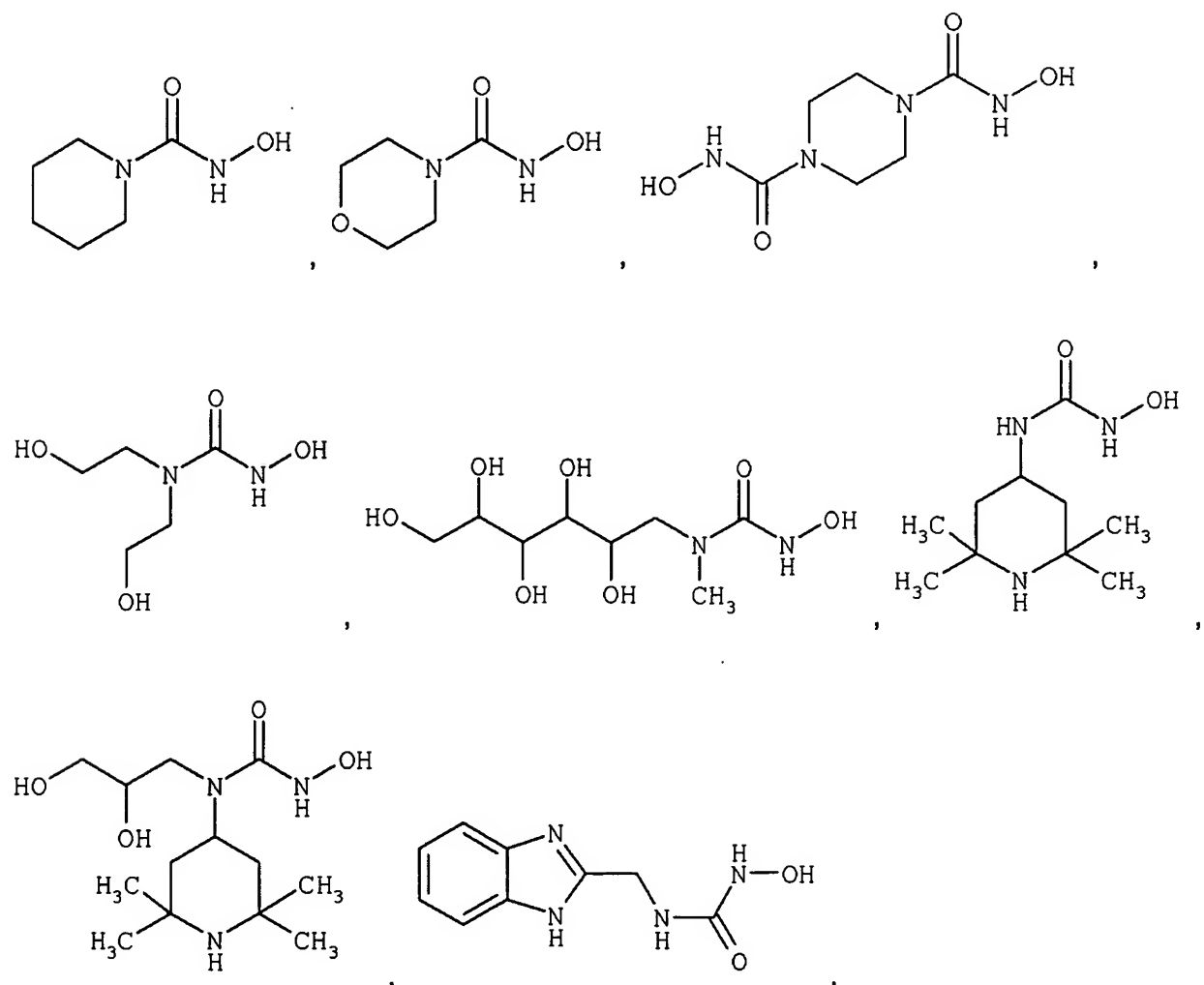
R³ and R⁴ may represent the necessary atoms to form a 5- to 8-membered ring,

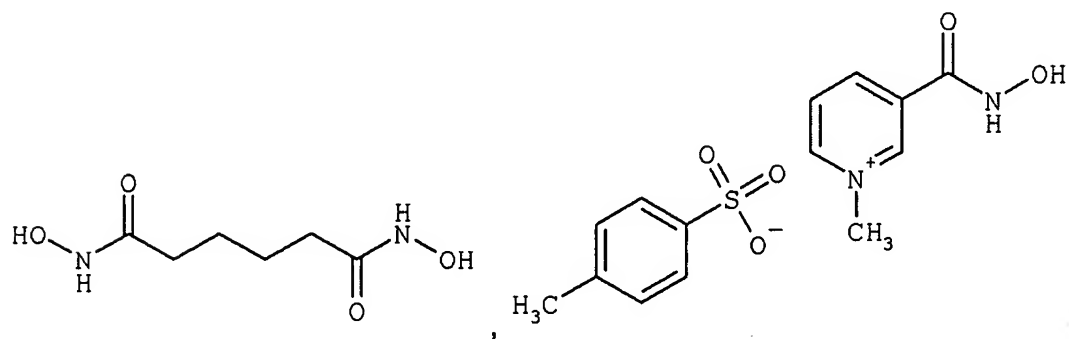
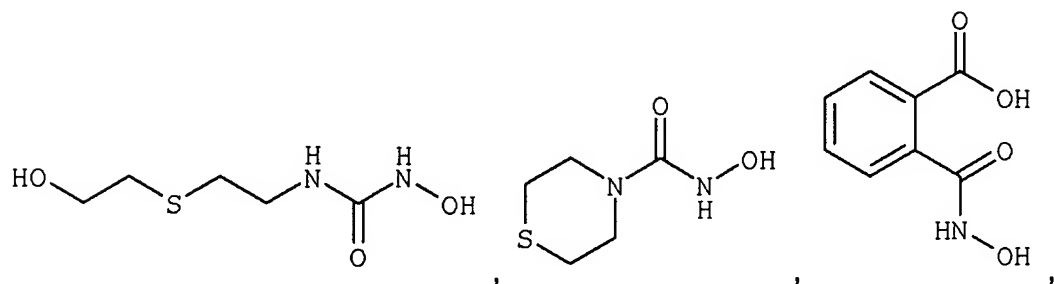
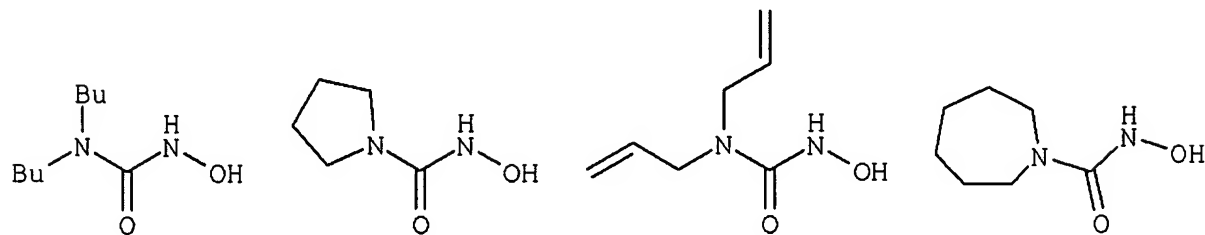
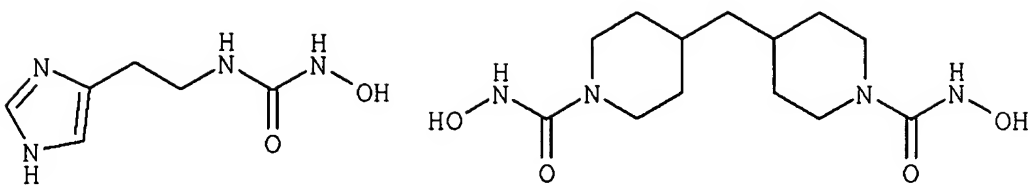
R⁵ and R⁷ may represent the necessary atoms to form a 5- to 8-membered ring, and

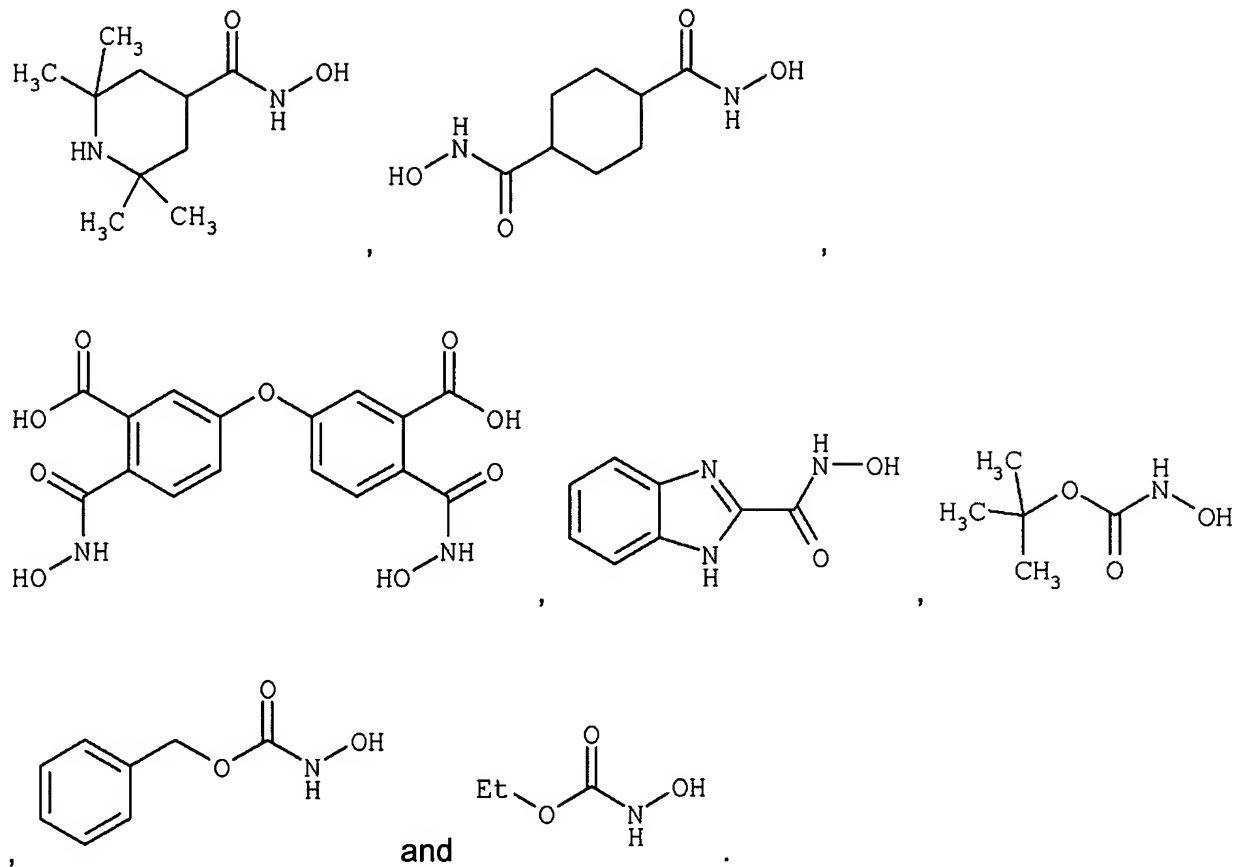
R⁸ and R⁹ may represent the necessary atoms to form a 5- to 8-membered ring;

comprising the step of including said non-polymeric compound in an ink-jet ink, an ink-jet recording material or a liquid for coating on an ink-jet image.

13.(original) Process according to claim 12, wherein said non-polymeric compound according to formula (I) is selected from the group consisting of







14. (cancelled)